

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of driving a liquid crystal display, comprising:
receiving and registering first source data for a first frame period;
receiving second source data for a second frame period subsequent to the first frame period, ~~the second frame period having a predetermined duration;~~
generating modulated data according to a comparison result between the registered first source data and the second source data;
supplying the modulated data to a liquid crystal cell of a liquid crystal panel during an initial portion of an output period ~~having the predetermined duration;~~ and
applying data different from the modulated data to the liquid crystal cell of the liquid crystal panel at a later portion of the output period than the initial portion.

2. (Currently Amended) The method according to claim 1, wherein the data applied to the liquid crystal ~~panel~~ cell at the later portion of the output period is the source data.

Claims 3-4 (Canceled).

5. (Previously Presented) The method according to claim 1, wherein the later portion of the output period begins at a half period of the output period.

6. (Currently Amended) The method according to claim 2, wherein the first and second source data are not applied to the liquid crystal ~~panel~~ cell while the modulated data are applied thereto.

7. (Currently Amended) An apparatus for driving a liquid crystal display, comprising:
a modulator that receives and registers first source data for a first frame period, receives second source data for a second frame period subsequent to the first frame period, ~~the second~~

~~frame period having a predetermined duration~~, and that generates modulated data according to a comparison result between the registered first source data and the second source data; and
a data provider ~~alternatively~~ alternately applying the modulated data and data different from the modulated data to a liquid crystal cell of the liquid crystal panel ~~during an output period having the predetermined duration~~.

8. (Previously Presented) The apparatus according to claim 7, wherein the data different from the modulated data is the second source data.

Claims 9-14 (Canceled).

15. (Currently Amended) The apparatus according to claim 7, wherein the data provider includes a delay circuit delaying the second source data while the modulated data are applied to the liquid crystal ~~panel~~ cell.

16. (Currently Amended) The apparatus according to claim 7, further comprising:
a data driver applying the modulated data and the second source data received ~~alternatively~~ alternately from the data provider to liquid crystal cells of the liquid crystal panel through a plurality of data lines on the liquid crystal panel; and
a scanning driver applying a scanning pulse to a plurality of scanning lines on the liquid crystal panel.

17. (Currently Amended) The apparatus according to claim 16, wherein the scanning pulse has a frequency high enough to scan twice the entire plurality of scanning lines on the liquid crystal panel within the second frame period.

18. (Previously Presented) A liquid crystal display comprising:
a liquid crystal display panel displaying images and having a plurality of data lines and a plurality of scanning lines thereon;
a modulator that receives and registers first source data for a first frame period, receives second source data for a second frame period subsequent to the first frame period, ~~the second~~

~~frame period having a predetermined duration~~, and that generates modulated source data according to a comparison result between the registered first source data and the second source data; and

a data provider ~~alternatively~~ alternately applying the modulated source data and the second source data to liquid crystal cells of the liquid crystal panel through the data lines during a frame period ~~an output period having the predetermined duration~~.

Claim 19 (Canceled).

20. (Currently Amended) The liquid crystal display panel according to claim 18, wherein the data provider applies the modulated source data to the liquid crystal display for a first half frame period and the second source data to the liquid crystal display for a second half frame period.

21. (Currently Amended) A method of driving a liquid crystal display, comprising:
applying a modulated data signal to liquid crystal cells of a liquid crystal panel within one frame period; and
applying a data signal to the liquid crystal cells within the one frame period,
wherein the modulated data signal has a voltage level larger than that of the data signal, and wherein the modulated data signal is generated according to a comparison result between data from a frame period previous to the one frame period and data from the one frame period.